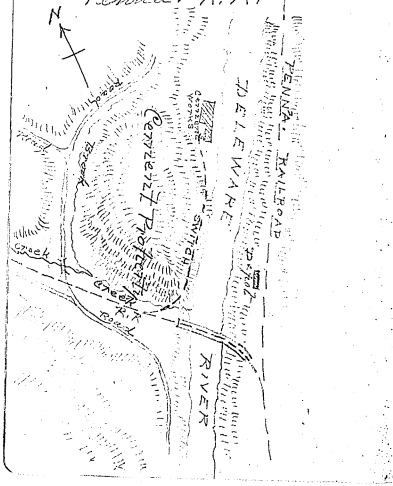
Edison Portland Cement Company Records
Plant Operations Notebook, N-99-07-05

This notebook covers the period July-September 1899. It was used by an unidentified author for notes and drawings regarding a site for the cement works. The selected entries concern Stewartsville and other locations in New Jersey, as well as several places in Pennsylvania. The spine is labeled "Prospecting - Stewartsville And Surrounds." The pages are unnumbered, and several pages have been removed from the book. Approximately 70 pages have been used.

Approximately 50 percent of the book has been selected. The unselected material consists of data relating to drill holes and limestone samples.

Baker Col

Gross Properties
opposite Martins Creek Sta
Pennsa. R.R.



Martins Creek July 5-99

Baker Col Gross Properties on the West bank of the Delaware River opposite Martins Creek Depot Pennsa R.R.

Description of Land—

The Knobs containing the Cement rock here is about 150 feet high made up almost entirely of lime stone and Cement rock. The Delaware River washes the East side of the Knobs, a Creek skirts the South breast of the Knobs and a small brook the West side.

That Portion of the Knobs adjacent to the River is owned by the — Cement Co. The West side of the

Martins Creek

Knob facing the Valley is held under Option by the Edison P. C. Co.

Material

The rock on the East side of the Knob along the river has the appearance of being high in lime. That on the West side of the knob shows better material.

Water

Water may be taken either from the River or Creek.

Site for works

A piece of gently rising ground abutting on the river north of

Martins Creek

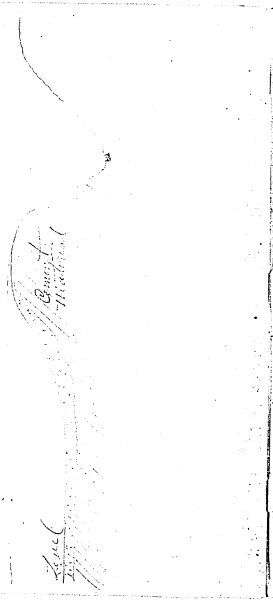
——— Cement Co Property is the only apparent available site for a works in this vicinity. This property is only approachable over the switch and property of the Cement Co, and is not at present under option of the E. P. C. Co.

Building Material

Good Lime Stone from the adjoining hills & Sand from the Delaware River

Accomodation for men

None



July 4/99

Fogelsville Pa.

Description of Land

The property under option here is high rolling farm land.

Material

There is a large area of material here, in the body of apparently good quality rising about 40 to 60 feet above the level lands which form the natural building site

The entire formation dips from N.E. to S.W. at an angle of 15 to 20° and the formation appears to change from N.W. to S.E.

Jagetsville Pa

so that immediately adjoining the limits under option on the S. E. the creek merges into "Lime Stone".

Along the valley of the creek on the west side of the property there is a considerable depth of material of laminated structure probably partially disintegrated Limestone rock.

The surface soil is very light over the high lands, and the solid limestone rock rises close to the surface over a large area of the property

The cleavage lines tend easterly and westerly

Stream Measures one
a Weir 15½ x 36"

Rogersville Pa

Shipping Facilities

The Shipping Facilities
consist of a branch of
road connecting — — —
— — —

Railroads

The Lehigh & N. R.R.

Water

The present apparent
available water supply
consists of a brook which
runs thro the West side
of the lands with a
flow of 220 Gallons
per Minute, the brook is fed
from springs said to come

Fogelsville Pa

from gravel. To make up the deficiency of this water supply I would suggest an experiment in deep boring -

The brook may also be dammed and a storage reservoir formed at small expense (land owners below may object to this water being taken)

Accomodation for men

The little Village of Fogelsville has a population of 500 to 700 and two hotels. The country immediately

Fagelsville Pa

Surrounding is dotted with farmers homes from which a good supply of help may be drawn

Building Site

A few almost level plain extends from the rail road to the lands under option giving unlimited room for works and tracks at a minimum expense for grading

Fogelsville - Notes

sample 206 supposed to be Shale?

Samples 145-146-147 from Kramlich Place taken from under Shale

Stewartsville

Lands

The Property here under Option is rolling Valley land all under cultivation.

Material

The Material here seems to vary very much in quality alternating between Carbonate of lime - Argillaceous lime stone and Dolomitic lime stone, rising and falling, appearing and disappearing, with no apparent regularity. The entire formation dips to the S. by S.E. at varying angles from 45° to 70°. The high portions of the lands rise

25 to 60 feet above the bottoms of the valleys at varying slopes from 5° to 30°. The surface soil varies very much in depth, from 0 up, increasing and decreasing abruptly indicating a very uneven surface of the rock beneath.

The cleavage of the rocks tends from East to West which probably corresponds with the trend of chemical composition

(Stewartsville)

Shipping Facilities

The Easton branch of the D. L. & W. Ry passes through the property from East to West

The Lehigh Canal parallels the property running E. & W. 1/4 to 1/2 mile distant on the north side.

Water

The Pohatcong Creek affords an ample supply of water at the East end of the properties & of the Canal is convenient to the West end.

(Stewartsville)

Residences for Mine

The Village of Stewartsville has a Population of about 500 people, two small hotels or Inns, The Country surrounding is quite thickly settled.

Building Site

The Properties under Option affords two fairly good Sites for building adjacent to or approachable by the Railroad, one adjoining Stewartsville on the North West, near the Canal — the other North

west of New Village
Depot between the
Railroad and Creek
The latter site would
necessitate considerable
grading. These
sites are convenient to
the two principal bodies
of material under option,

Odenweldr or West Easton

The Cement rock here lies in a knob rising about 100 feet above the Lehigh river Odenweldr is a suburb of Easton and the property in question has a number of houses built on it and others in course of erection.

There is not sufficient material in sight to warrant the creation of a works of large capacity, and there is no ground convenient on which to build a large Works,

Belvidere N.J.

Lands

The lands containing the Cement rock in this vicinity are mountainous rising on the Gibbs & Craig farms to an elevation 470 feet above the Delaware river and 300 feet above Beaver brook in the adjoining Valley. The contemplated options embrace properties covering a distance of about five miles extending along the North banks of the Pequest and Beaver creeks

Belvidere

Material

The Cement rock in this vicinity varies in appearance and different properties. From dark blue hard stone on the Morris Road to a soft brown stone on the surface of the Gibbs and Craig properties. The Cement rock on the Cutter properties is very massive rising to the crest of the highest knobs.

A ridge of lime stone intervenes between the Cement rock and the Pequest Creek for

a distance of two or three miles East of the Dr Marris tract.

The Entire Formation in this Family dips to the S. by S.E. at varying angles about 40° to 60°

The Surface Soil consisting of gravel and loam or yellow clay varies in depth on the different properties from 0 upwards.

The cleavage of the rock runs Easterly and Westerly - which is probably the trend of chemical composition.

Belvidere

Shipping facilities

Lehigh & Hudson R.R.

D. L. & W. R.R.

Pennsylvania R.R.

Belvidere

Water

Water may be taken from the Pequest Creek or Delaware River as may be most convenient to the site selected for the works.

Accommodation for Men

Belvidere has a population of about 1800 to 2000 with several hotels.

Belvidere

Site for Works

A stretch of level ground bounded by the Pequest Creek on the North, the L & H. Ry on the South the City of Belvidere on the West and hills on the East affords a favorable site for a works, approachable by the railroads, convenient to water and homes for men and convenient for a track or tracks to the cement lands

Lot No 2

Oxford Township Warren Co

Mary Rees - Widow

Beginning at a stake at the road leading leading from Belvidere to Hope thence N 36½° W 5.66 Chs thence N 59½° E 2.78 Chs thence S 43¾° E 6.50 Chs to a stake in road thence along road S 19° E W 4.75 Chs to place of beginning Containing 2¼ acres. —

C. W. Earye Oxford T.P.

Beginning at Cor of R.R. Lands of the Warren R.R.Co and Lands formerly of Amos W. Cramer and running as the Needle Pointed 1878 — South 36 7/8° E. 45 chs 12 links to Cor of Fence of home and Public road leading from Belvedere to Scriptor, thence down said road S. 65° W 30 chs and 50 links to Cor in said road thence N. 11° W 26 chs 25 links to a Stake which bears N. 56 1/4° E. from the Belvedere Water Works Stand Pipe thence N. 64 3/8° E. 8 chs 20 links to Stone, thence N 31 1/8° W 19 chs 65 links to Stake on hill in the line of the R.R. Land, thence N. 23 3/4° E. 2 chs 97 links to a black oak

thence N° 53° E. 2 chs 1 link
thence N 74½° E. 2 chs 37 links
thence N. 66½° E. 1 ch. 33 links
to place of beginning
containing 83.20 acres
Surveyed by E. G. Weir